20 d
CO

1959

BRICK SIZE VENTS

in cast aluminum

1959

construction specialties, inc.

BRICK SIZE VENTS

applications

ventilation

- roof spaces
- crawl spaces
- pipe tunnels
- hung ceilings
- bath rooms
- kitchens
- boiler and incinerator rooms
- bank vaults
- unexcavated areas

air conditioning intake or exhaust

C-S Cast Aluminum Brick size vents are the ideal answer to air intake or exhaust for air conditioning units where the architect desires a rugged vent which will neatly fit into the exterior wall module. C-S Brick Size Vents are approved for use by major air conditioning manufacturers.

certified tests Laboratory tests made by Texas Engineering Experimental Station are available on C-S Brick Size Vents which determine the CFM static pressure drop characteristics and the maximum CFM of air which can be passed without water entrainment.

Our Engineering department is available to answer your questions and furnish architectural and engineering details for special requirements.

models

standard brick C-S standard brick size vents are available in cast aluminum, cast bronze or cast iron. The dimensions of the C-S standard brick size vents conform to those of standard brick. Installation conforms to the pattern of the brick coursing. Individual units may be nested together where multiple units are required.

jumbo brick C-S jumbo brick size vents are modular units for use with jumbo brick and conform to the pattern of the jumbo brick coursing.

modular block C-S modular block size vents are modular units for use with either cinder or concrete block construction and conform to the block coursing. All MBL-1 and MBL-2 models are available with either an exterior operator or fusible link operator.

sizes available

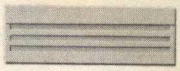
model	modular size	dimensions, inches width	height	depth
standard brick				
1B	one brick	8	2¼	4
2B	two brick*	8	4⅞	4
4B	four brick*	16½	4⅞	4
6B	six brick*	16½	7¾	4
1WB	two brick	16½	2¼	4
3WB	three brick	25	2¼	4
6WB	six brick*	25	4⅞	4
RB-1	roman brick	12	1⅝	4
jumbo brick				
1JB	one jumbo*	12	2¾	4
4JB	four jumbo*	16½	6	4
modular block				
MBL-1	one-half block*	15⅝	3⅝	4
MBL-2	standard block*	15⅝	7⅝	4
MBL-6	jumbo block*	16½	7¾	4

*available with exterior operator or fusible link

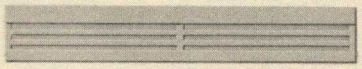
accessories

Exterior operators, fusible link operation, duct extensions, grilles and register grilles are available for use with C-S brick vents as detailed on page four.

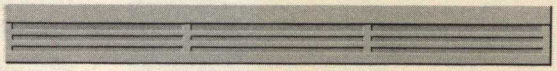
modular brick size vents



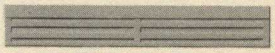
1B



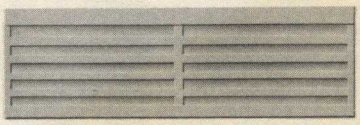
1WB



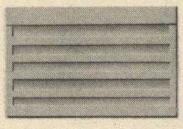
3WB



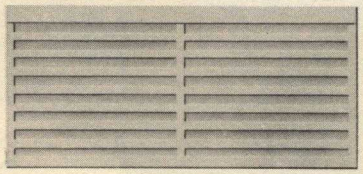
RB-1 (roman)



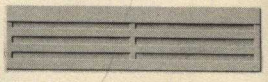
4B*



2B*

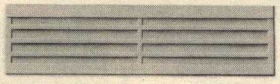


6B*

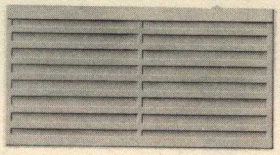


1JB* (jumbo)

modular block size vents



MBL-1*

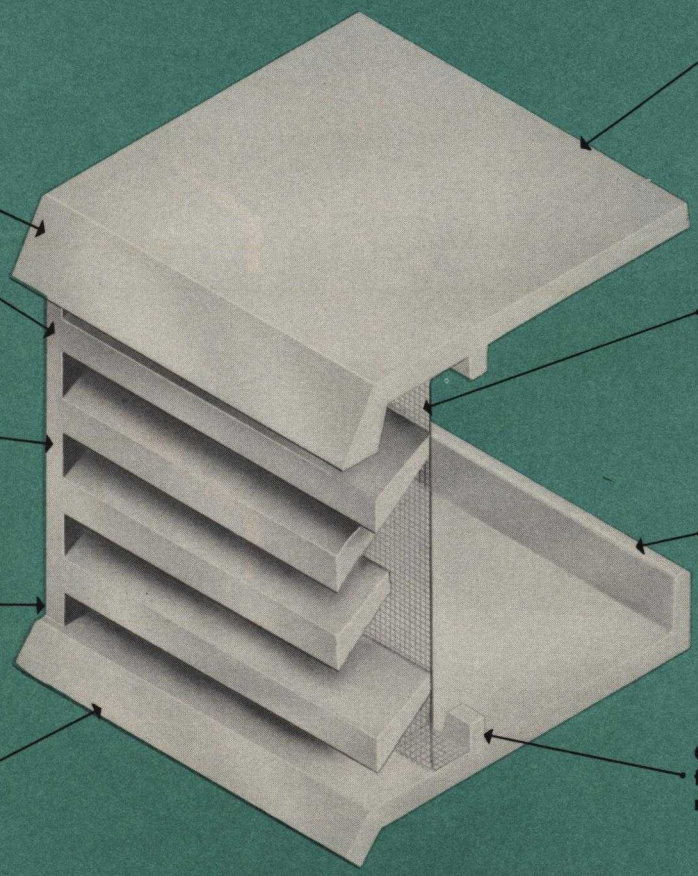


MBL-2*

*available with exterior operator, or fusible link see page four

design and construction

All C-S Cast Aluminum Brick Size Vents and screens comply with F.H.A. requirements as outlined in their regulations governing "Condensation Control".



screens and finishes

screens

All C-S cast aluminum Brick Size Vents are supplied with 8 x 8 mesh .020 diameter, 5056 clad aluminum wire screening unless otherwise specified. The screen has optimum free area and will exclude birds, animals and most insects while being resistant to dirt and dust loading.

finishes

Unless otherwise specified, all C-S Cast Aluminum Brick Size vents are supplied with standard, unmarred face finish. Alternate finishes which the architect may specify:

a Satin sandblasted finish with two coats of butyrate lacquer.

b Alumilite finish with two coats of butyrate lacquer.

c Permanent epoxy base coatings in wide range of colors to the architect's requirement.

C-S representatives will furnish samples of these various face finishes on request.

suggested specifications

Furnish and install where so indicated on drawings C-S Cast Aluminum Brick Size Vents, Model 4-B, 16½ x 4⅞ x 4 inches, as manufactured by Construction Specialties, Inc., Cranford, New Jersey; Escondido, California. All vents are to have standard C-S unmarred face finish, free of grind marks and blow holes. All vents are to be supplied with 8 x 8 mesh, .020 diameter, 5056 clad aluminum wire screening, pre-formed and fitted so as to be neatly secured behind louvers. All vents are to be furnished complete with 24 gauge galvanized iron ducts per dimensions shown, and complete with positive closing, manually operated register grilles with lock device on inside faces.

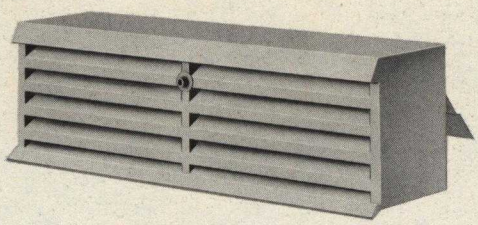
Note: Change C-S model number and size, and specification on face finish, duct extensions and grilles, per your design requirements. Cast Aluminum brick vents will be furnished unless cast iron or cast bronze is clearly specified.

exterior operator or fusible link

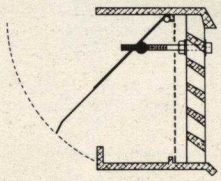
The C-S Flush Face Exterior Damper Control or Fusible Link Damper Control is available for model 2B, 4B, 6B, 6WB, 1JB, 4JB, MBL-1, MBL-2 and MBL-6 brick or block size vents.

The C-S exterior operator is neat, unobtrusive and tamperproof. It is an economical all-aluminum unit which is controlled by a removable key-type operator. Specify C-S Flush Face Exterior Damper Control with key-type operator.

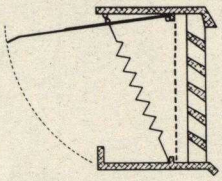
The fusible link damper control is supplied with a 160° fusible link. Operation is instant and positive. Specify C-S fusible link operator FU 160°. If other thermal rating link is required specify necessary temperature.



exterior operator

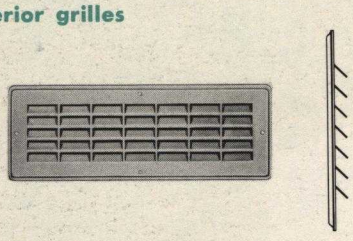


fusible link



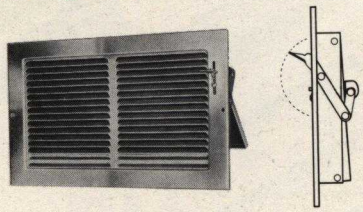
grilles and registers

interior grilles



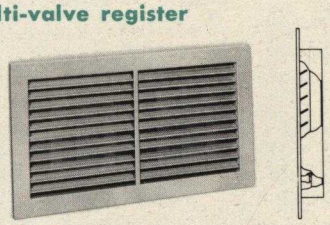
C-S Interior Grilles are rugged, low in cost, and good looking. They are made of 20 gauge steel, one piece construction, with angle frame. Blades set at 20° angle conceal opening and add strength. Finish—beige prime coat.

register grilles



C-S Register Grilles have stamped louvered faces that provide ample free area. All register grilles are furnished with an "Adjusta-Stop" device adjustable with a screw driver. This device may be used to lock the damper in the closed position or to provide an adjustment stop for any opening desired. C-S Register Grilles are 20 gauge steel finished in beige prime coat.

multi-valve register

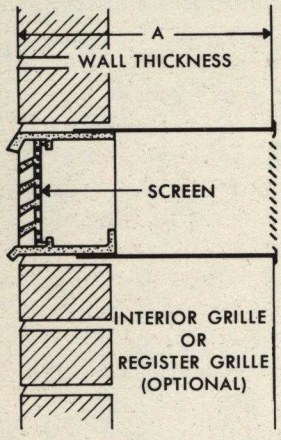


The C-S Multi-Valve Register Grille is highly suitable for interior applications. It has a nicely finished appearance which will harmonize with any interior decor. It is furnished in an attractive beige finish.

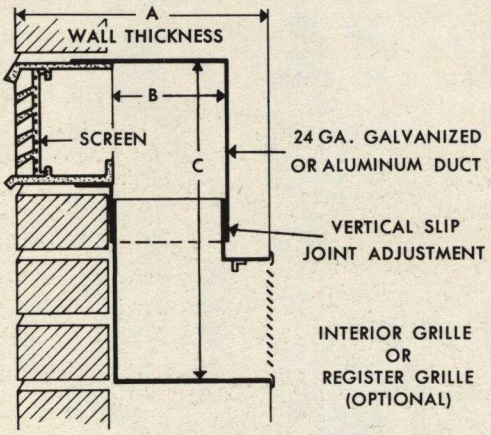
The Multi-Valve Unit is designed for silent, evenly distributed air flow. Exterior deflection bars are adjustable. The opposed action valves are key operated from the exterior.

typical installation details

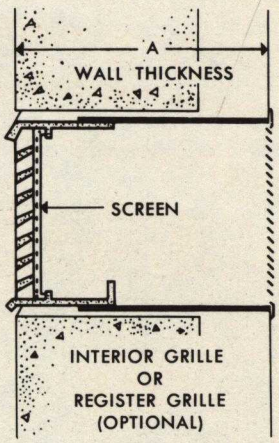
IN ORDERING SHOW A, B, C DIMENSIONS



STRAIGHT DUCT



Z-DUCT



BLOCK SIZE VENT

construction specialties, inc.

55 Winans Avenue
Cranford, New Jersey
phone: BRidge 2-5200

West Grant Street
Escondido, California
phone: SHerwood 5-8000

Digitized by:

ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

https://archive.org/details/buildingtechnologyheritagelibrary

From the collection of:

Carol J. Dyson, AIA